

MVI94 Family Mean Time Between Failure

All Models

MVI94 family MTBF = 7,614,021 hours

Probability that any given unit will not fail within 5 years is determined by the formula $R(T) = e^{(-T/MTBF)}$ where $T = 43,800$ hours. Thus $R(T) = e^{(-.005753)} = 0.994264$. There is a 99.43 % probability that any given MVI94 model will perform without failure for 5 years.

MVI94 family 5-year performance probability = 99.43%
